

fife_utils - Feature #23032

stage inheritance...

08/01/2019 08:23 AM - Marc Mengel

Status:	Closed	Start date:	08/01/2019
Priority:	Normal	Due date:	
Assignee:		% Done:	60%
Category:		Estimated time:	0.00 hour
Target version:	v3_3	Spent time:	0.00 hour
Description			
Thread from Slack...			
Dom Brailsford 7:45 AM			
basically I want a quick way of swapping from scratch dcache to tape_backed_dcache			
mengel 7:47 AM			
If you make a global.output_root in your config and use %(output_root)s in your destination paths, you can switch them all with O global.output_root			
new messages			
Dom Brailsford 7:48 AM			
That was kind of my original plan, but I was wondering if there was something more user friendly			
I'm thinking of cases where someone else starts running jobs and isn't familiar with the workflow (edited)			
mengel 7:53 AM			
Well... If we're thinking sort of feature request... we could make something that string replaces all the output destination paths...			
Rather than an override, it does a substitution...			
Like <code>Rjob_output*.dest:s[pnfs/experiment/scratch][pnfs/experiment/tape1]</code> or something...			
Dom Brailsford 7:55 AM			
I think having stages that inherit from other stages would work for this and be easy enough to use. Would something like that be do-able?			
mengel 7:56 AM			
Maybe: we'd have to pick a syntax to indicate it... would it make more sense to you to be:			
<code>{stage_foo(bar)}</code>			
or			
<code>{stage_foo}</code>			
<code>parent=bar</code>			
Dom Brailsford 7:58 AM			
I guess the first one as the second one kind of implies the inheritance is a parameter			
mengel 8:00 AM			
I think that would be fairly easy to code up— although we'd have to get the chained inheritance right...and of course multiple inheritance (once you have it, people will start leaning on the lever)			

Associated revisions

Revision 248692db - 09/11/2019 04:15 PM - Marc Mengel

rough draft of adding parent stages/inheritance per issue #23032

History

#1 - 09/11/2019 04:16 PM - Marc Mengel

- % Done changed from 0 to 60
- Target version set to v3_3
- Status changed from New to Work in progress

#2 - 09/11/2019 04:42 PM - Marc Mengel

- Status changed from Work in progress to Resolved

#3 - 04/01/2020 02:42 PM - Marc Mengel

- Status changed from Resolved to Closed